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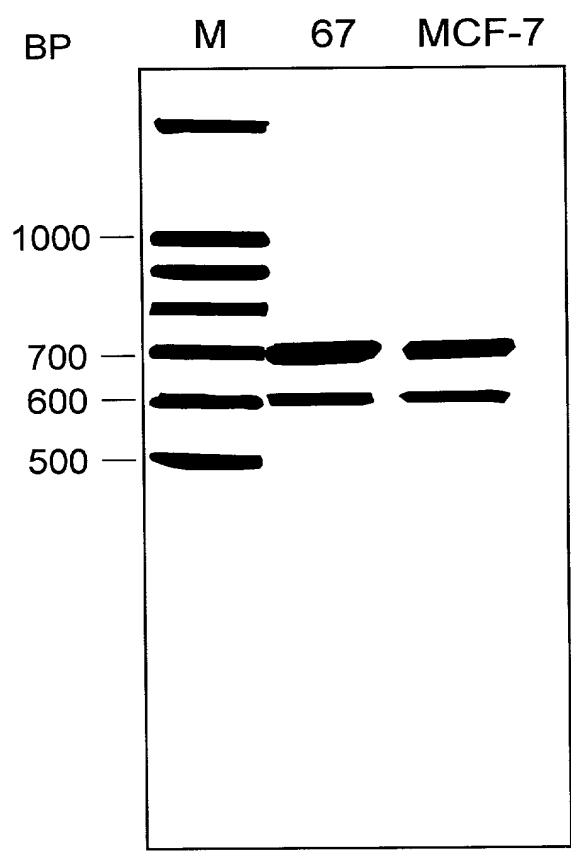


FIG. 1

1 ATGAGTGGCGCGTGGCGCGCGGTGGCGCGGTGGCGCGGTGCTCTCTGGCTGTCCAGCG 60
 M Q W A V G R R W A W A A L L L A V A A

 61 GTGCTGACCCAGGTGCTGTGGCTCTGGCTGGGTACGCAGAGCTTCTCTCCAGCGCGAA 120
 V L T Q V V W L W L G T Q S F V F Q R E

 121 GAGATAGCGCAGTTGGCGCGCAGTACGCTGGGTGGACCAAGAGCTGGCCTTCTCTCGT 180
 E I A Q L A R Q Y A G L D H E L A F S R

 181 CTGATCGTGGAGCTGCGCGCGGTGCACCCAGGCCACGTGCTGCCCCGACGAGGAGCTGCAG 240
 L I V E L R R L H P G H V L P D E E L Q

 241 TGGGTGTTGTAATGCGGGTGGCTGGATGGCGGCCATGTGCCTTCTGCACGCCCTCGCTG 300
 W V F V N A G G W M G A M C L L H A S L

 301 TCCGAGTATGTGCTCTTCGGCACCGCCTTGGGCTCCCCGCGGCCACTCGGGGGAGACG 360
 S E Y V L L F G T A L G S R G H S G E T

 361 GTAGTACACGGCCTGGTGAGGCAACAGCTGTGAGTGGGGGCCAACAACATGGATGGTG 420
 V V H G P G E A T A V E W G P N T W M V

 421 GAGTACGGCCGGGGCGTCAATCCCATCCACCCTGGCCTTGGCGCTGGCCGACACATGTCTTC 480
 E Y G R G V I P S T L A F A L A D T V F

 481 AGCACCAGGACTTCCTCACCCCTCTTCTATACTCTTCGCTCCTATGCTCGGGCCTCCGG 540
 S T Q D F L T L F Y T L R S Y A R G L R

 541 CTTGAGCTCACCACTACCTCTTTTGGCCAGGACCCCTTGA 579
 L E L T T Y L F G Q D P *

FIG. 2

1	MQWAVGRRWAAALLLAVAAVL	TQVWLWLGTQSFVQREEIAQLARQYA	50
1	MQWAVGRRWAAALLLAVAAVL	TQVWLWLGTQSFVQREEIAQLARQYA	50
51	GLDHELAFSRLIVELRRLHPGHVLPDEELQWVFVNAGGWMGAMCLLHASL		100
51	GLDHELAFSRLIVELRRLHPGHVLPDEELQWVFVNAGGWMGAMCLLHASL		100
101	SEYVLLFGTALGSRGHSGRYWAEISDTIISGTFHQWREGTTKSEVFYPGE		150
101	SEYVLLFGTALGSRGHS (117)	[31 AA WERE DELETED] GE	119
151	TVVHGPGEATAVEWGPNTWMVEYGRGVIPSTLAFALADTVFSTQDFLTFLF		200
120	TVVHGPGEATAVEWGPNTWMVEYGRGVIPSTLAFALADTVFSTQDFLTFLF		169
201	YTLRSYARGRLRLTTLFLFGQDP	223 AA HUMAN σ_1 RECEPTOR PROTEIN	
170	YTLRSYARGRLRLTTLFLFGQDP	192 AA HUMAN $\sigma_{1\beta}$ RECEPTOR PROTEIN	

FIG. 3

1 ATGCCGTGGCCGCGGACGGCGGTGGCATGGATCACCCCTGATTCTGACTATTATCGCA 60
 M P W A A G R R W A W I T L I L T I I A

 61 GTGCTGATCCAGGCCGCTGTTGTGGCTGGGCACTCAAAACTTCGTTCTCTAGAGAA 120
 V L I Q A A W L W L G T Q N F V F S R E

 121 GAAATAGCGCAGCTTGCTCGACAGTATCGGGGTGGACCATGAGCTTGCCTTCTCTCGG 180
 E I A Q L A R Q Y A G L D H E L A F S R

 181 CTGATCGTGGAGCTCGGAGGCTGCACCCAGGCCACGTGCTGCCGATGAGGAGCTGCAG 240
 L I V E L R R L H P G H V L P D E E L Q

 241 TGGGTATTGTGAACGGCGGCTGGATGGCGCCATGTGTATTCTGCACGCCCTCGCTG 300
 W V F V N A G G W M G A M C I L H A S L

 301 TCTGAGTACGTGCTCTTCGGACCGCCCTGGGCTCCCATGGCCATTCCGGGAGAGACA 360
 S E Y V L L F G T A L G S H G H S G E T

 361 GTTGTACACGGCCCTGGAGAAGCAACGGCTCTGGAGTGGGACCAACACGTGGATGGTG 420
 V V H G P G E A T A L E W G P N T W M V

 421 GAGTACGGCCGGGTGTTATTCCGTCTACCTGTTCCTTTCACCTAGCCGACACCTTCTTC 480
 E Y G R G V I P S T L F F A L A D T F F

 481 GGCACCCAGGACTACCTCACACTCTTCTATACCCTTCGGCCCTATGCCGGGCCCTCCGG 540
 G T Q D Y L T L F Y T L R A Y A R G L R

 541 CTTGAGCTTACCACCTACCTCTTTGGCCAAGACTCCTGA 579
 L E L T T Y L F G Q D S *

FIG. 4

1 MPWAAGRRWAWITLILTIIAVLIQAAWLWLGTQNFVFSREEIAQLARQYA 50
 1 MPWAAGRRWAWITLILTIIAVLIQAAWLWLGTQNFVFSREEIAQLARQYA 50

 51 GLDHELAFSRLIVELRRLHPGHVLPDEELQWVFVNAGGWMGAMCILLHASL 100
 51 GLDHELAFSRLIVELRRLHPGHVLPDEELQWVFVNAGGWMGAMCILLHASL 100

 101 SEYVLLFGTALGSHGSHGRYWAEISDTIISGTFHQWKEGTTKSEVFYPGE 150
 101 SEYVLLFGTALGSHGHS (117) [31 AA WERE DELETED] GE 119

 151 TVVHGPGEATALEWGPNTWMVEYGRGVIPSTLFFALADTFFGTQDYLTLLF 200
 120 TVVHGPGEATALEWGPNTWMVEYGRGVIPSTLFFALADTFFGTQDYLTLLF 169

 201 YTLRAYAGRLRLTLTYLFGQDS* 223 AA σ_1 RECEPTOR PROTEIN
 170 YTLRAYAGRLRLTLTYLFGQDS* 192 AA $\sigma_{1\beta}$ RECEPTOR PROTEIN

FIG. 5

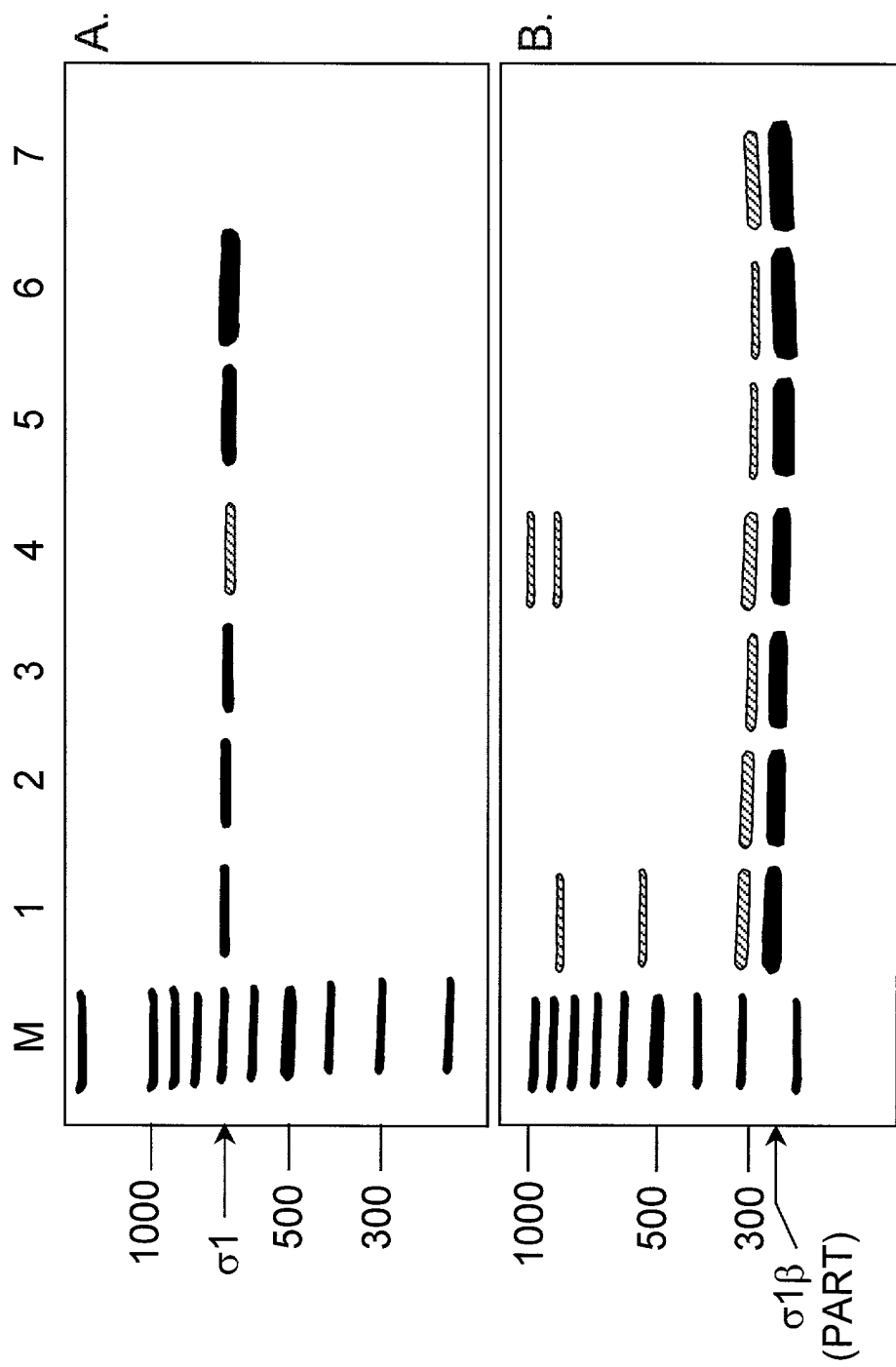


FIG. 6

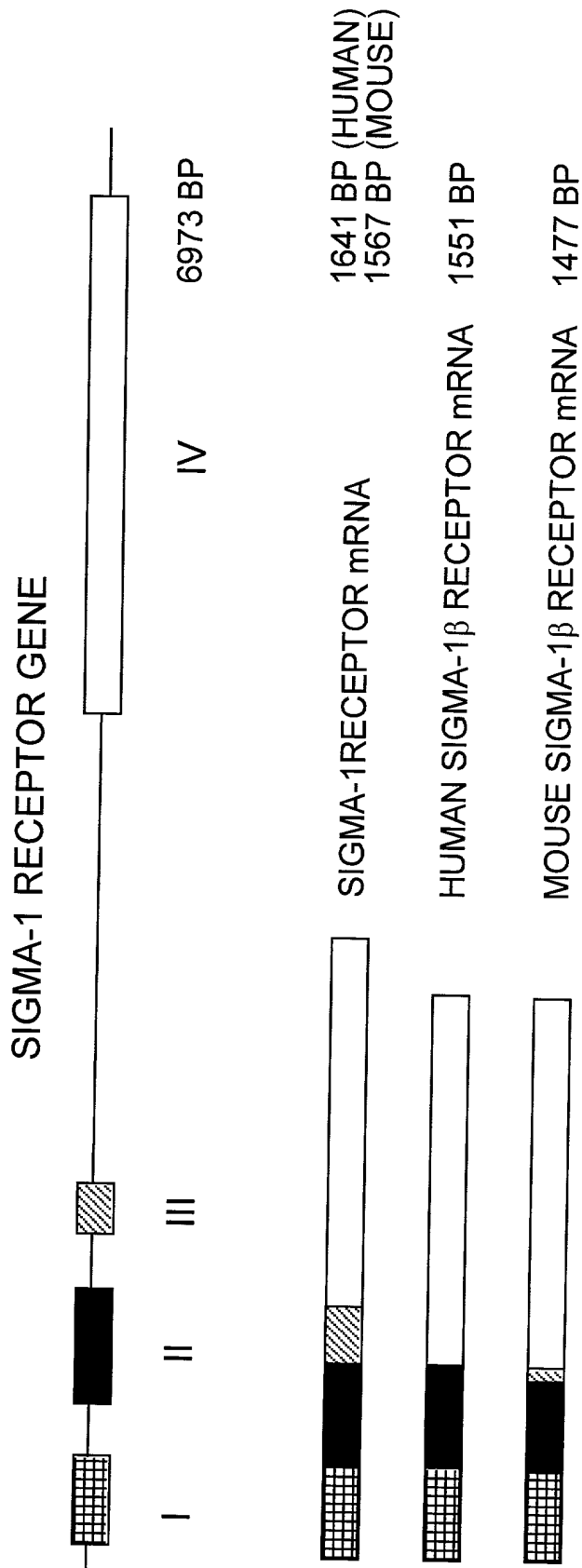


FIG. 7